	Georgia Technology Authority

Doc Ref Number:	ENT-01-001-STD	**Topical Area:** **Application Development**
Document Type:	Enterprise Standard	**Page:** 1 of 2
Policy Title:	XML – Extensible Markup Language Standards	
Effective Date:	02-28-03	**Revision Date: 12/18/02**
POC for Changes:	GTA Technology Office – Architecture Group	
Synopsis:	Establishes XML standards for state agencies based upon W3C Consortium XML Open Standard Recommendations.	

PURPOSE

To establish XML standards for all State of Georgia Agencies that aligns with enterprise architecture as established by GTA.

SCOPE

All agencies of the State of Georgia which choose to implement/utilize XML.

STANDARDS

All Agencies utilizing Extensible Markup Language (XML) to integrate State of Georgia information systems or transmit data between State of Georgia information technology resources shall adhere to the following enterprise XML standards:

1. **Extensible Markup Language (XML) 1.0 - Second Edition (W3C Recommendation 6 October 2000)**
   (See http://www.w3.org/TR/2000/REC-xml-20001006)

2. **Web Services Description Language (WSDL) 1.1 (W3C Note 15 March 2001)**
   (See http://www.w3.org/TR/2001/NOTE-wsdl-20010315)

3. **Simple Object Access Protocol (SOAP) 1.1 (W3C Note 08 May 2000)**
   (See http://www.w3.org/TR/2000/NOTE-SOAP-20000508)

4. **XSL Transformations (XSLT) 1.0 (W3C Recommendation 16 November 1999)**
   (See http://www.w3.org/TR/1999/REC-xslt-19991116)

5. **XML Path Language (XPath) 1.0 (W3C Recommendation 16 November 1999)**
   (See http://www.w3.org/TR/1999/REC-xpath-19991116)

6. **Extensible Stylesheet Language (XSL) 1.0 (W3C Recommendation 15 October 2001)**

(See http://www.w3.org/TR/2001/REC-xsl-20011015)

7. **Document Object Model (DOM) Level 1**
   (See http://www.w3.org/TR/REC-DOM-Level-1/)

GUIDELINES

1. WDSL 1.2 is an emerging standard. It is recommended that agencies review the 1.2 standard to ensure future compatibility.

2. SOAP 1.2 is an emerging standard. It is recommended that agencies review the 1.2 standard to ensure future compatibility.

AUTHORITY

O.C.G.A. §§ 50-25-4(a) (15), (23), (29).

EXCEPTION

Standard adjusted to include SOAP 1.0 and WSDL 1.0 for the purposes of maintaining backward compatibility with external systems; specifically to meet federal USDA requirements.

TERMS AND DEFINITIONS

1. **W3C –** Accepted acronym for the World Wide Web Consortium. The World Wide Web Consortium is a consortium of over 500 member organizations that develop interoperable technology specifications, guidelines, software, and tools related to the Internet. The URL for their website is http://www.w3.org/.